

210707US20

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

:

Huanmin ZHANG et al

: ATTN: APPLICATION BRANCH

SERIAL NO. NEW U.S. APPLICATION

:

FILED: HEREWITH

:

FOR: ISOLATED POLYNUCLEOTIDE SEQUENCES  
ENCODING A FERTILITY ASSOCIATED ANTIGEN

STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicants are submitting a Sequence Listing and a corresponding computer-readable Sequence Listing with the application filed herewith. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing.

Respectfully submitted,

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**SEQUENCE LISTING**

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BELLIN, MARY E

<120> ISOLATED POLYNUCLEOTIDE SEQUENCES ENCODING A FERTILITY ASSOCIATED ANTIGEN

<130> 210707US20

50> US 60/218,140

<151> 2000-07-14

1607

<170> PatentIn version 3.1

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att agc tct cgc ctt gga aga aac aca tat aaa gaa cag tat gcc ttt		96
Ile Ser Ser Arg Leu Gly Arg Asn Thr Tyr Lys Glu Gln Tyr Ala Phe		
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ctc tat aaa gaa aag cta gtg tct gta aaa caa agc tac ctc tac cac		144
Leu Tyr Lys Glu Lys Leu Val Ser Val Lys Gln Ser Tyr Leu Tyr His		
35 40 45		
<del>gac</del> tat cag gct gga gac gca gat gtg ttt tcc agg gaa ccc ttt gtg		192
<del>Asp</del> Tyr Gln Ala Gly <del>Asp</del> Ala Asp Val Phe Ser Arg Glu Pro Phe Val		
50 55 60		
<del>gtc</del> tgg ttc cag tca ccc tac acc gct gtc aag gac ttc gtg att gtc		240
<del>Val</del> Trp Phe Gln Ser Pro Tyr Thr Ala Val Lys Asp Phe Val Ile Val		
65 70 75 80		
<del>ccc</del> ctg cac acc acc cct gag aca tcc gtt aga gag att gat gag ctg		288
<del>Pro</del> Leu His Thr Thr Pro Glu Thr Ser Val Arg Glu Ile Asp Glu Leu		
85 90 95		
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<del>Ala</del> Asp Val Tyr Thr Asp Val Lys Arg Arg Trp Asn Ala Glu Asn Phe		
100 105 110		
att ttc atg ggt gac ttc aat gct ggc tgc agc tac gtc ccc aag aag		384
Ile Phe Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Pro Lys Lys		
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gcc tgg aag gac atc cgc ctg agg acg gac ccc aag ttc gtt tgg ctg		432
Ala Trp Lys Asp Ile Arg Leu Arg Thr Asp Pro Lys Phe Val Trp Leu		
130 135 140		
atc ggg gac caa gag gac acc acg gtc aag aag agc aca aac tgc gcc		480
Ile Gly Asp Gln Glu Asp Thr Thr Val Lys Lys Ser Thr Asn Cys Ala		
145 150 155 160		
tat gac agg atc gtg ctt aga gga caa aat att gtc aac tct ggt ggt		528
Tyr Asp Arg Ile Val Leu Arg Gly Gln Asn Ile Val Asn Ser Gly Gly		
165 170 175		
cct caa tca aac ctc gtc ttt gat ttc cag aaa gct tac agg ttg tct		576
Pro Gln Ser Asn Leu Val Phe Asp Phe Gln Lys Ala Tyr Arg Leu Ser		
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Asp Tyr Gln Ala Gly Asp Ala Asp Val Phe Ser Arg Glu Pro Phe Val  
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Val Trp Phe Gln Ser Pro Tyr Thr Ala Val Lys Asp Phe Val Ile Val  
65 70 75 80

Pro Leu His Thr Thr Pro Glu Thr Ser Val Arg Glu Ile Asp Glu Leu  
85 90 95

Ala Asp Val Tyr Thr Asp Val Lys Arg Arg Trp Asn Ala Glu Asn Phe  
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Tyr Asp Arg Ile Val Leu Arg Gly Gln Asn Ile Val Asn Ser Gly Gly  
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